

FIG. 3

```

public interface ServiceInterface {
    /** This method is called by the hosting ServiceNode (which itself has the arg) upon initializing */
    void setServiceNode (ServiceNode aServiceNode);
    /** Called when a session is opened with this ServiceInterface */
    void onOpen (Session aSession);
    /** Called when a sendRequest is made to this ServiceInterface */
    String onRequest (Session aSession, String aRequest);
    /** Called when a sendMessage is made to this ServiceInterface */
    void onMessage (Session aSession, String aMessage);
    /** Called when a close is made to this ServiceInterface */
    void onClose (Session aSession);
    /** Called when a Server Session closes abnormally */
    void onAbnormalClose (Session aSession);
}

```

FIG. 4

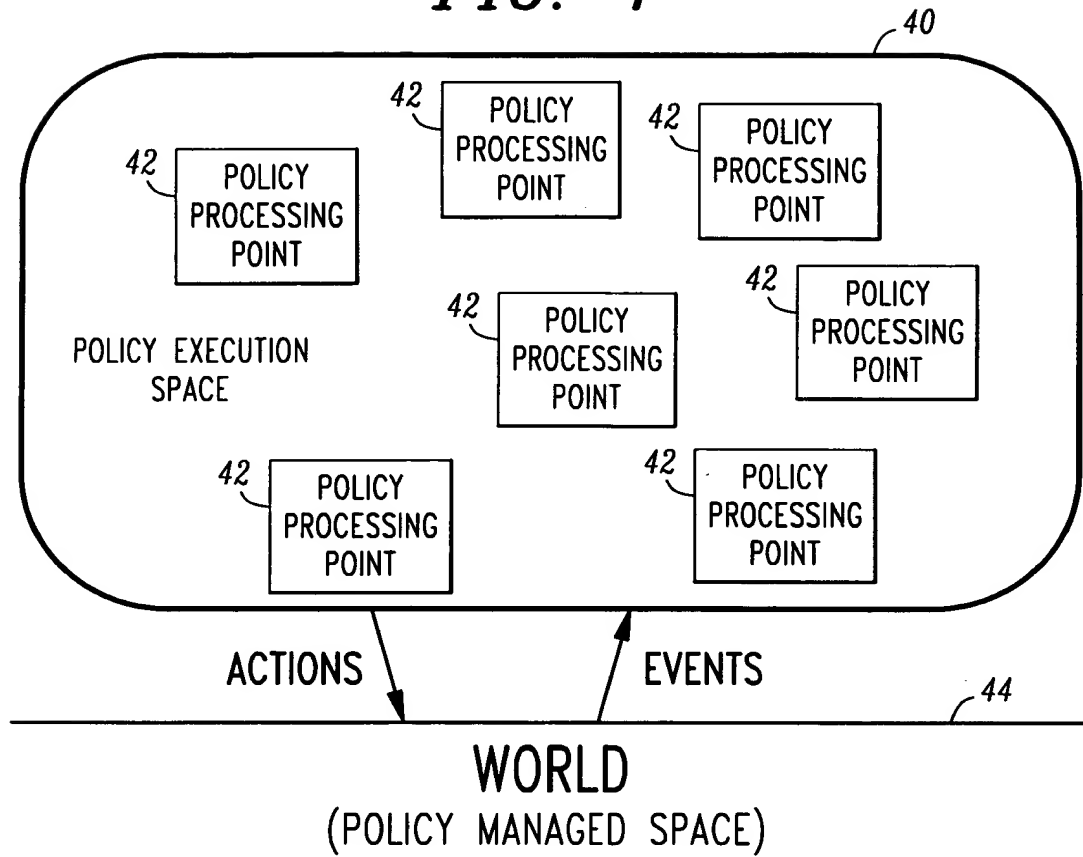


FIG. 5

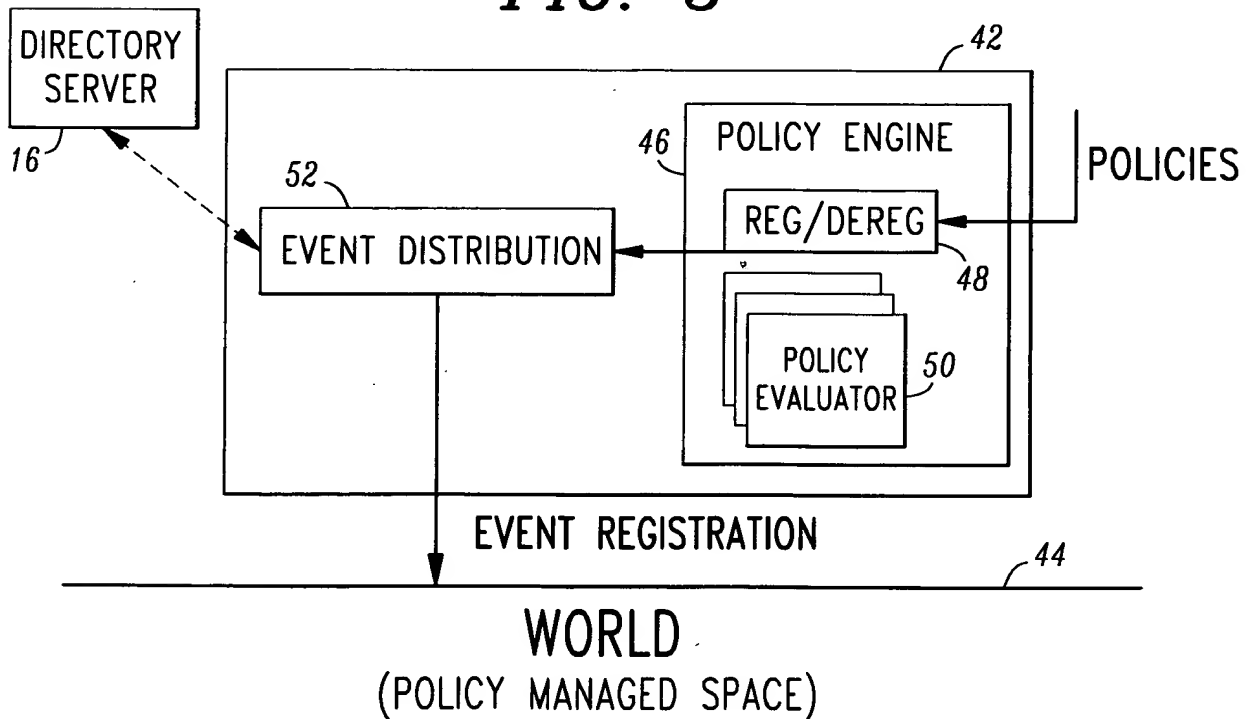


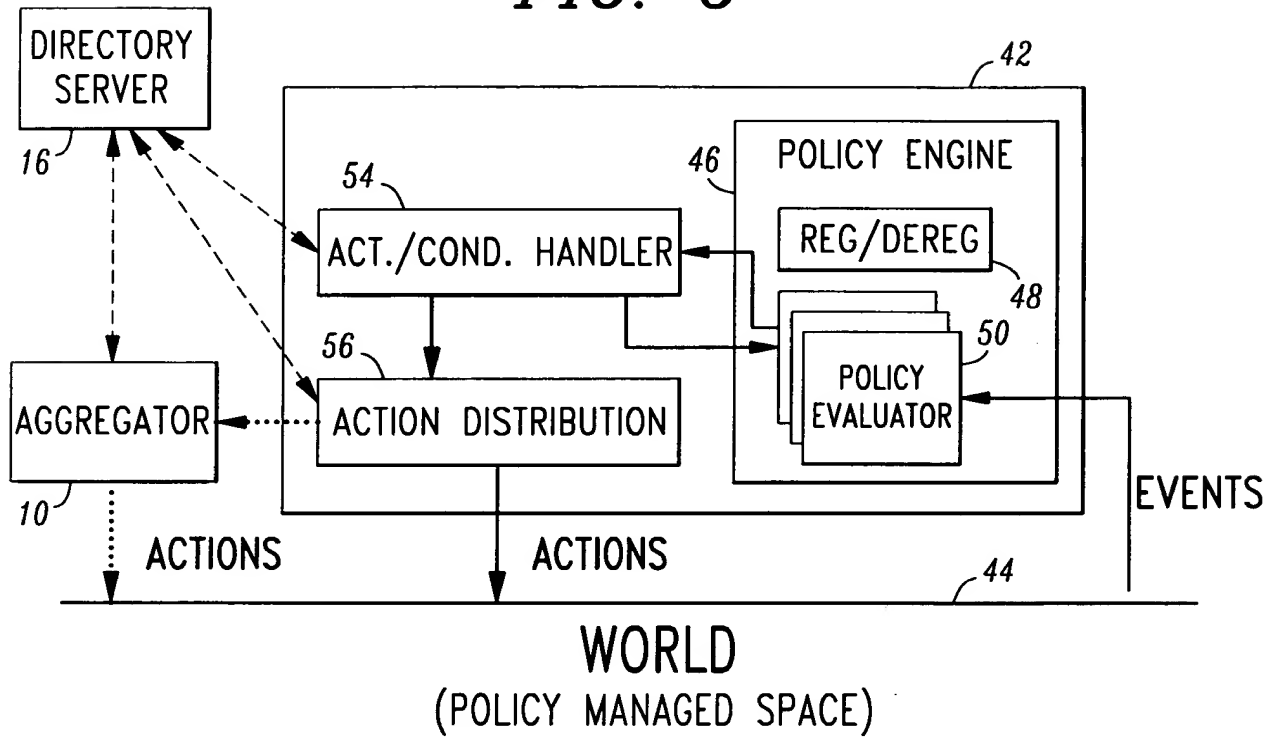
FIG. 6

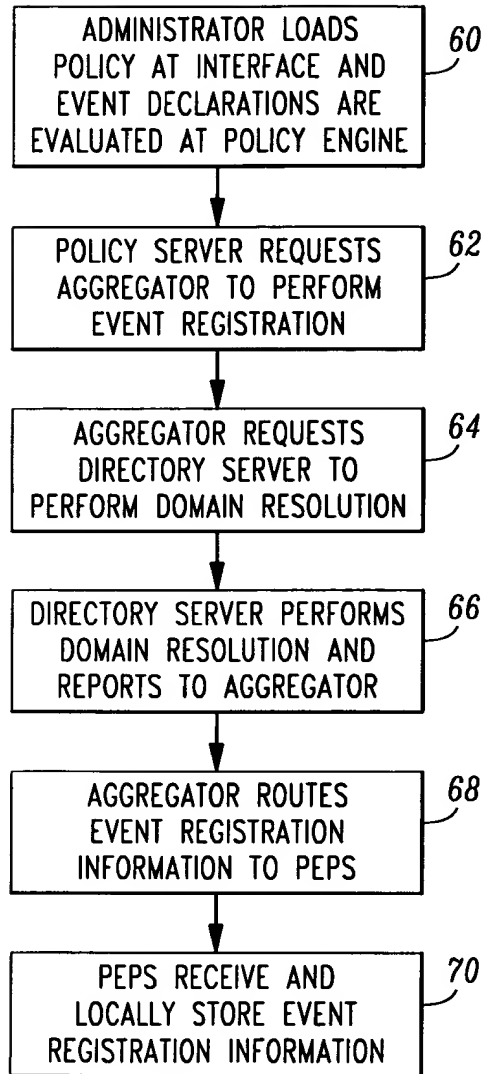
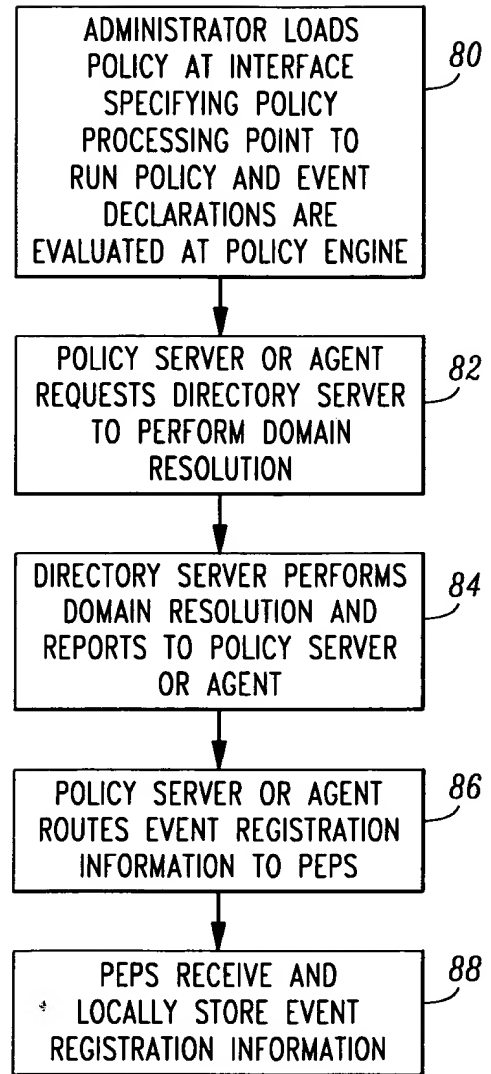
FIG. 7**FIG. 8**

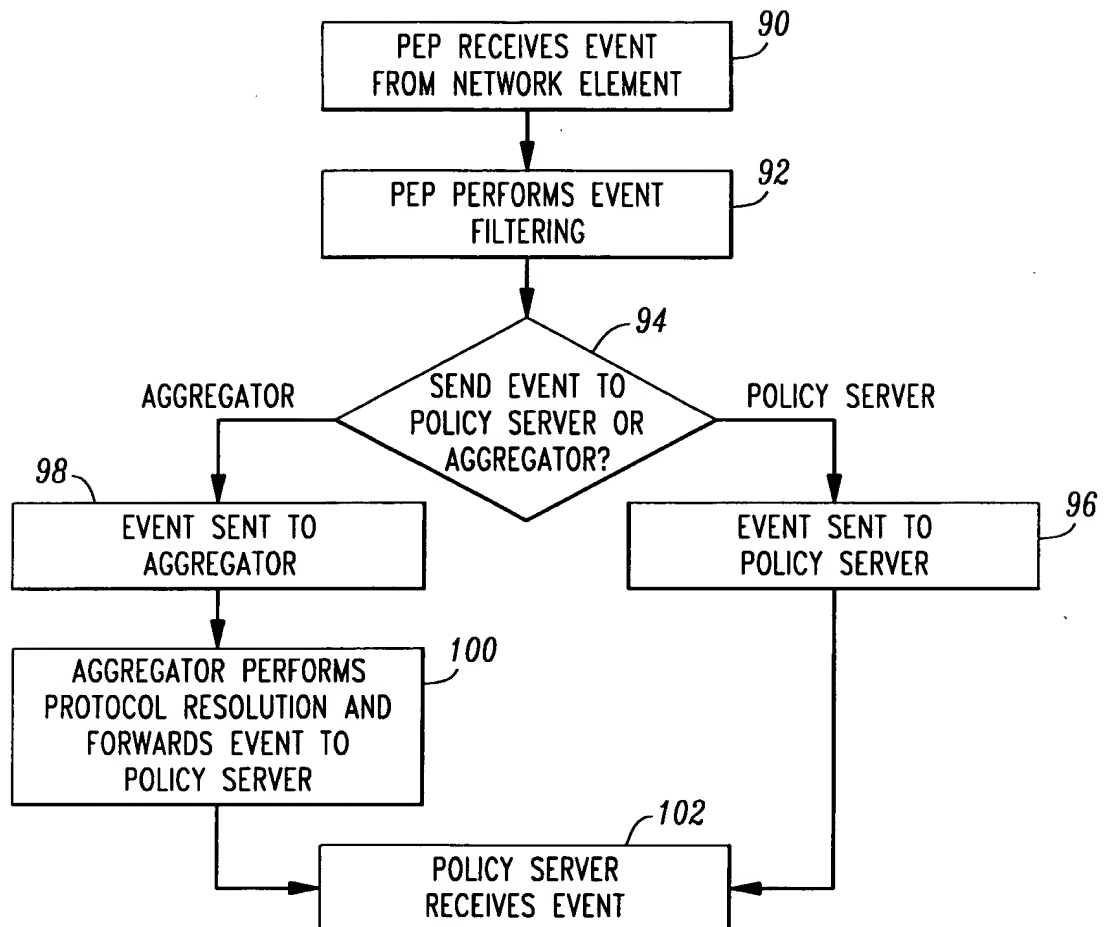
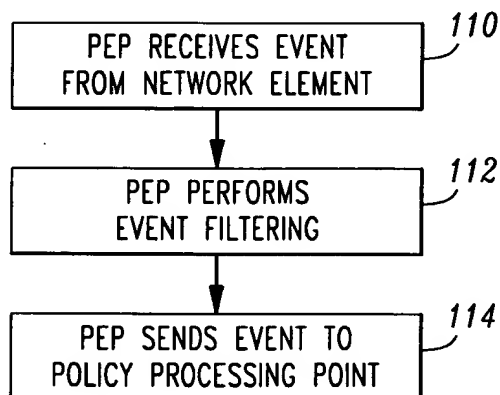
FIG. 9**FIG. 10**

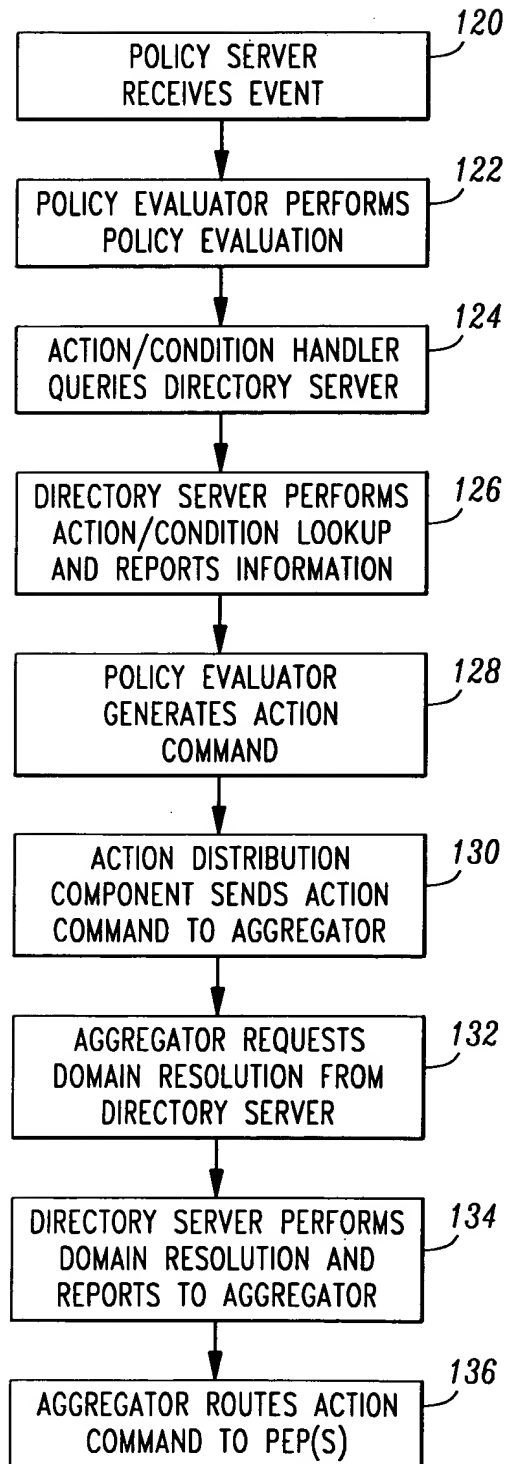
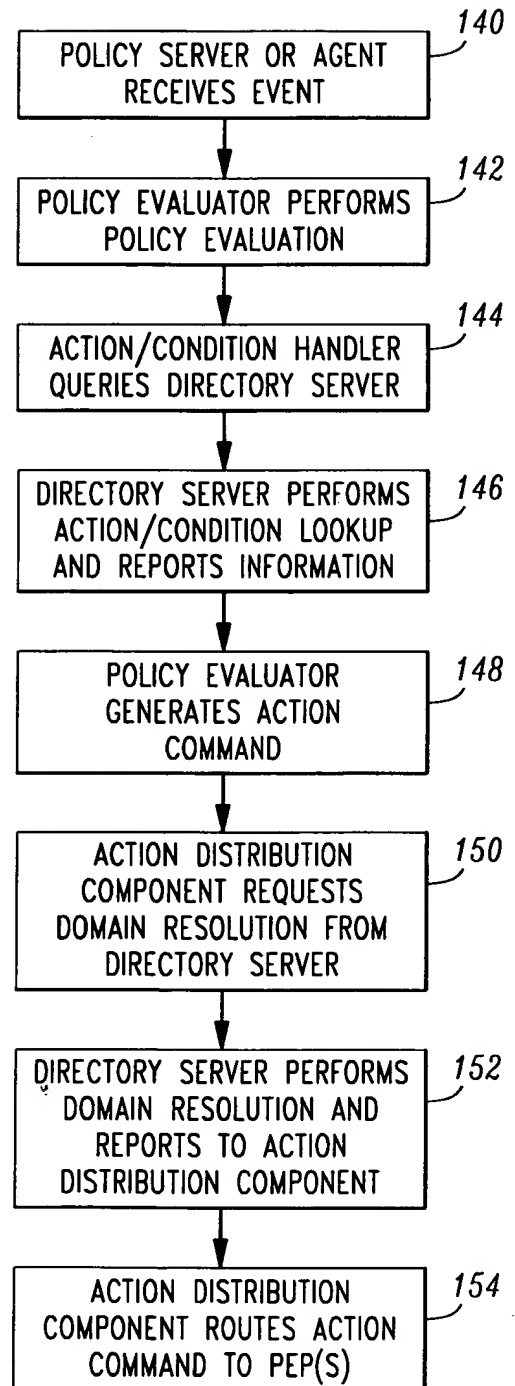
FIG. 11**FIG. 12**

FIG. 13

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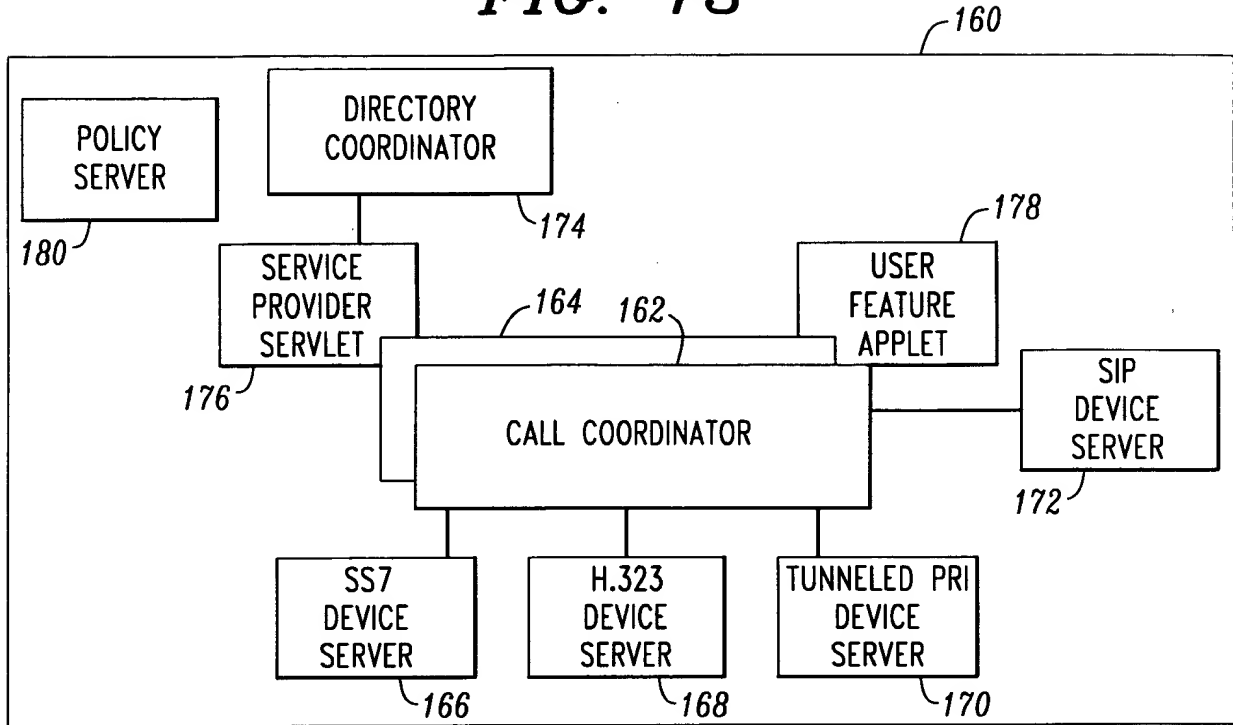


FIG. 14

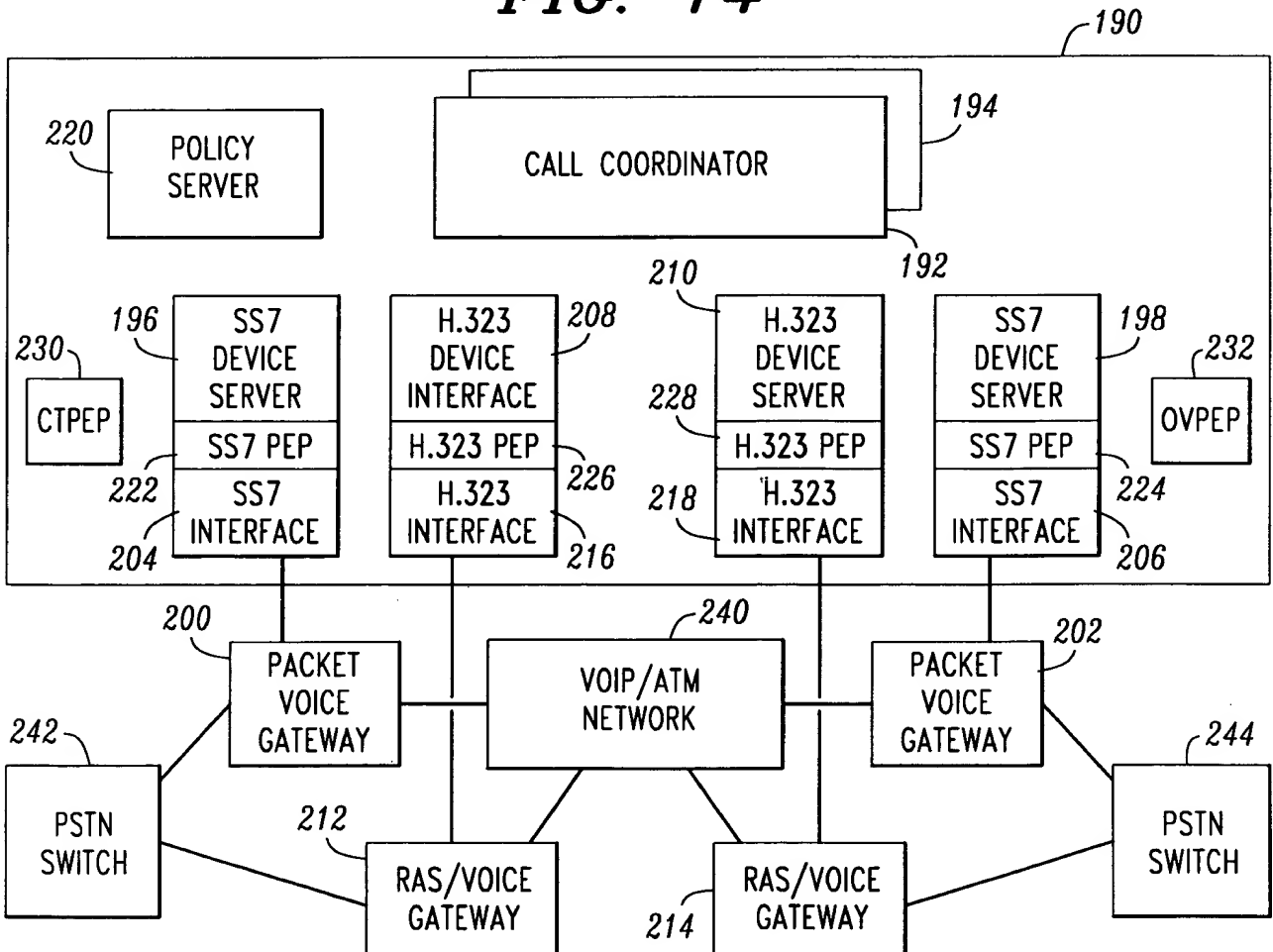


FIG. 15

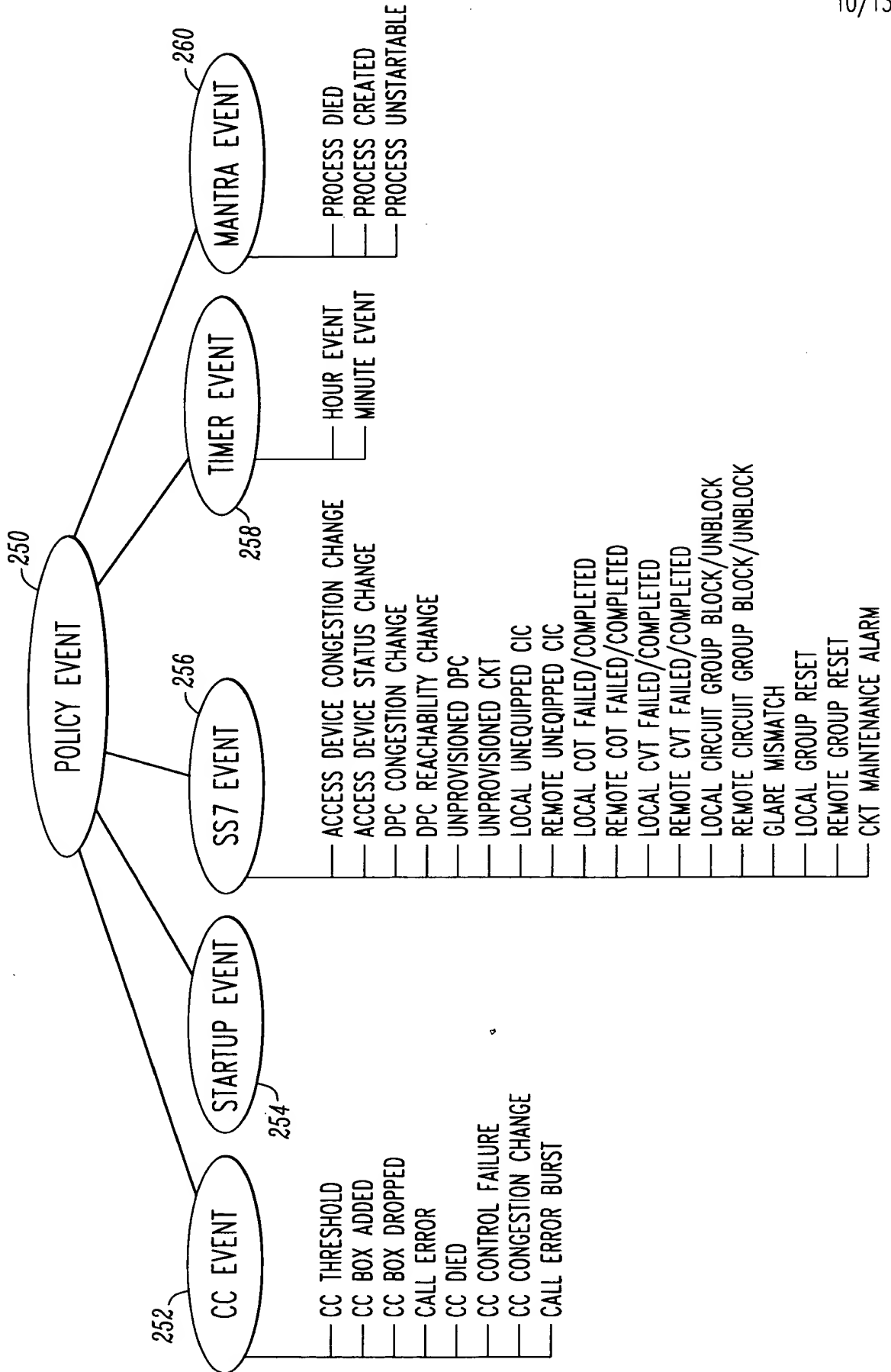


FIG. 16A

FIG. 16

FIG. 16A FIG. 16B

POLICY SERVERS EXPLANATION SYSTEM			
POLICY NAME: CONNECTION			
EVENT	ACTIONS		
try-conn	CONNECT		
block			
prepare_conn			
<div> <div> <div>1</div> <div>2</div> </div> <div> <div>6</div> <div>6</div> <div>7</div> </div> <div> <div>try_conn(1)</div> <div>prepare_conn(1)</div> <div>prepare_conn(1)</div> </div> <div> <div>6</div> <div>connect(1)</div> </div> </div>			
<div> <div>4</div> <div>4</div> <div>8</div> </div> <div> <div>try_conn(2)</div> <div>prepare_conn(2)</div> <div>try_conn(2)</div> </div> <div> <div>4</div> <div>connect(2)</div> </div>			

FIG. 16B

EPOCH NUMBER:

RULES

```
try_conn, (^group(try_conn|prepare_conn|block)), try_
try_conn triggers prepare_conn(user=try_conn.user
prepare_conn & group(block) causes connect(pre
prepare_conn & group(block) causes connect(pre
```

3	4	5
try_conn(4)	try_conn(4)	try_conn(4)
7		
<u>connect(1)</u>		<u>connect(1)</u>
8		
<u>prepare_conn(2)</u>	try_conn(2)	8
	<u>connect(2)</u>	<u>connect(2)</u>
try_conn(3)	try_conn(3)	try_conn(3)
<u>connect(3)</u>		<u>connect(3)</u>
try_conn(1)	try_conn(1)	try_conn(1)
9		
<u>connect(4)</u>		<u>connect(4)</u>
try_conn(5)	try_conn(5)	try_conn(5)
<u>connect(5)</u>		<u>connect(5)</u>
2		
<u>prepare_conn(1)</u>	prepare_conn(1)	prepare_conn(1)
try_conn(2)	prepare_conn(2)	prepare_conn(2)
prepare_conn(3)	prepare_conn(3)	prepare_conn(3)

FIG. 17

